

### ABSTRACT OF THE DISCLOSURES

Disclosed is a method of inhibiting neoplastic cellular proliferation and/or transformation  
10 of mammalian T-lymphocyte cells, including cells of human origin, in vitro or in vivo. Also disclosed are methods of immunomodulating, i.e., inhibiting or inducing, the activation of T-lymphocytes by modulating *PTTG* expression and/or PTTG protein function. In vitro methods for screening substances for new immunosuppressing or immunoenhancing agents that modulate the activation of mammalian T-lymphocytes are disclosed. Also disclosed are useful compositions  
15 and kits.